



Part Number : [1051620001](#)

Product Description : 1.10mm Pitch microSD Card Header with Detect Pin, Height 1.45mm, Lead-Free, Gold (Au) Plated 0.76µm

Series Number : 105162

Status : Active

Product Category : Memory / SIM Card Connectors

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## Documents & Resources

### Drawings

[Drawing 1051620001\\_sd.pdf](#)

[Packaging Design Drawing PK-105162-001-001.pdf](#)

### 3D Models and Design Files

[3D Model 1051620001\\_stp.zip](#)

[Electrical Model Document EE-105162-001-001.pdf](#)

[S-Parameter Model SP-105162-001-001.zip](#)


### Specifications

[Test Summary TS-105162-001-001.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 2024)
EU RoHS	Compliant per EU 2015/863

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D

- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

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## Part Details

### General

Status	Active
Category	Memory / SIM Card Connectors
Series	105162
Description	1.10mm Pitch microSD Card Header with Detect Pin, Height 1.45mm, Lead-Free, Gold (Au) Plated 0.76µm
Comments	Push-Pull Type
Product Family	SD and SIM Memory Card Sockets
Product Name	microSD Card
Style	Guide and Holder
UPC	884982383333

### Electrical

Current - Maximum per Contact	0.5A
Shielded	Yes
Voltage - Maximum	5V DC

### Physical

Card Detection Switch	Open
Card Entry Location	Front
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black
Durability (mating cycles max)	5000
Ejector Button Side	N/A
Material - Contact	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold

Material - Resin	High Temperature Thermoplastic
Material - Shell	Stainless Steel
Net Weight	0.136/g
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Retention	Yes
Pitch - Mating Interface	1.10mm
Pitch - Termination Interface	1.10mm
Temperature Range - Operating	-40° to +85°C
Termination Interface Style	Surface Mount

### Solder Process Data

Max-Duration	3
Lead-Free Process Capability	REFLOW
Max-Cycle	2
Max-Temp	250

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### Mates With / Use With

#### Mates with Part(s)

Description	Part Number
Mates With	Standard SIM Card

#### Use with Part(s)

Description	Part Number
Use With	microSD Card